

<b>RTIP ID#</b> <i>(required)</i> RIV070710				
<b>Project Description</b> <i>(clearly describe project)</i> To address traveler safety at the intersection of Bundy Canyon Road and The Farm Road in Riverside County, the Riverside County Transportation Department proposes to install a new traffic signal, modify curb ramps, re-stripe current pavement and install a painted median.  The striping modification consists of removing the merge right lane and replacing it with a painted median. Existing pavement paint striping will be refreshed at a distance of approximately 1,400 linear feet on Bundy Canyon Road, extending east and west of The Farm Road.  In addition, on the southwest and southeast corners of the intersection, two new curb ramps will be constructed to meet ADA standards and match the existing grade, while the existing curbs, gutters and sidewalks will be removed. North of the intersection along Bundy Canyon Road, a 6 inch, 110 linear feet Asphalt Contract (AC) dike will be constructed to protect the signal pole from adjacent traffic on Bundy Canyon Road. A retaining wall of approximately 12 feet long by 4 feet high will be installed to protect the signal pole from the existing slope.				
<b>Type of Project</b> <i>(use Table 1 on instruction sheet)</i> Intersection Signalization				
<b>County</b> Riverside	<b>Narrative Location/Route &amp; Postmiles</b> Bundy Canyon Road at The Farm Road  <b>Caltrans Projects – EA#</b>			
<b>Lead Agency:</b> County of Riverside Transportation Department				
<b>Contact Person</b> Marcia Frances Rose, PMP	<b>Phone#</b> 951-955-1505	<b>Fax#</b> 951-955-3198	<b>Email</b> mfrose@rctlma.org	
Hot Spot Pollutant of Concern <i>(Check one or both)</i> <b>PM2.5</b> x <b>PM10</b> x				
<b>Federal Action for which Project-Level PM Conformity is Needed</b> <i>(check appropriate box)</i>				
X CATEGORICAL EXCLUSION (NEPA)	EA or Draft EIS	FONSI or Final EIS	PS&E or Construction	OTHER
<b>Scheduled Date of Federal Action:</b> January 2008				
<b>NEPA Delegation – Project Type</b> <i>(check appropriate box)</i>				
EXCLUDED	x	SECTION 6004 – NEPA CATEGORICAL EXCLUSIONS (CEs)	SECTION 6005 – ALL NEPA DOCUMENTATION TYPES (i.e., CEs, EAs, EIS)	
<b>Current Programming Dates</b> <i>as appropriate</i>				
	<b>PE/Environmental</b>	<b>ENG</b>	<b>ROW</b>	<b>CON</b>
<b>Start</b>	June 2007	June 2007	N/A	January 2008
<b>End</b>	December 2007	September 2007	N/A	January 2008
<b>Project Purpose and Need (Summary):</b> <i>(attach additional sheets as necessary)</i>  The purpose of the proposed project is to address traveler safety at the intersection of Bundy Canyon Road and The Farm Road. The community and residential stakeholders are actively requesting the implementation of the project because of the need for safe access to their homes.				

**Surrounding Land Use/Traffic Generators** *(especially effect on diesel traffic)*

The existing land uses within the vicinity of the project interchange include single family residences and open space. There are no large generators of diesel truck traffic within the project area.

**Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility**

No Build: LOS D/F, Total AADT = 25,900, Truck AADT = 2,590 (10%), Year 2010, Along Bundy Canyon Road

Build: LOS A/B, Total AADT = 25,900, Truck AADT = 2,590 (10%), Year 2010, Along Bundy Canyon Road

## RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

No Build: Total AADT = 25,900, Truck AADT = 2,590 (10%), Year 2030, Along Bundy Canyon Road

Build: Total AADT = 48,550, Truck AADT = 4,855 (10%), Year 2030, Along Bundy Canyon Road

**Opening Year:** If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

**RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT**

**Describe potential traffic redistribution effects of congestion relief** (*impact on other facilities*)

See attached analysis

## Comments/Explanation/Details (attach additional sheets as necessary)

See attached analysis

### Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>) Analysis

The proposed project is within a nonattainment area for federal PM<sub>2.5</sub> and PM<sub>10</sub> standards. Therefore, per 40 CFR Part 93 analyses are required for conformity purposes. However, the EPA does not require hot-spot analyses, qualitative or quantitative, for projects that are not listed in section 93.123(b)(1) as an air quality concern. The project does not qualify as a project of air quality concern (POAQC) because of the following reasons:

- i. The proposed project is not a new or expanded highway project. The proposed project is an intersection signalization project that does not increase the capacity of Bundy Canyon Road or The Farm Road. This type of project improves intersection operations and safety by reducing traffic congestion and improving turning movements. Based on the *Traffic Study for Bundy Canyon and Scott Roads from I-15 to I-215* (Parsons, May 16, 2007), the traffic volumes along Bundy Canyon Road would not exceed the 125,000 average daily trips threshold for a POAQC. Although the total truck percentages along Bundy Canyon Road would exceed the eight percent threshold the total truck AADTs would not exceed the 10,000 vehicle threshold for POAQC. In addition, the proposed project would not increase the traffic volumes along the roadways within the project vicinity. The future traffic volumes along Bundy Canyon Road are shown in Table A.
- ii. The proposed project does not affect intersections that are at level of service (LOS) D, E, or F with a significant number of diesel vehicles. Based on the *Traffic Study*, the proposed project would reduce the delay and improve the LOS at the project intersection. The LOS conditions with and without the proposed project are shown in Table B.
- iii. The proposed project does not include the construction of a new bus or rail terminal.
- iv. The proposed project does not expand an existing bus or rail terminal.

Therefore, the proposed project meets the Clean Air Act requirements and 40 CFR 93.116 without any explicit hot-spot analysis. The proposed project would not create a new, or worsen an existing, PM<sub>10</sub> or PM<sub>2.5</sub> violation.

**Table A: Average Daily Traffic Volumes (Total AADT/Truck AADT)**

Roadway Link	2010	2030
Bundy Canyon Road East of Canyon Ranch Road	26,500 / 2,650	49,300 / 4,930
Bundy Canyon Road West of Palm Avenue	25,300 / 2,530	47,800 / 4,780

Source: Parsons, May 2007.

**Table B: Intersection Levels of Service**

Traffic Condition	A.M. Peak Hour LOS	P.M. Peak Hour LOS
Existing Conditions	E	F
2010 No Build	D	F
2010 Build	A	B

Source: Parsons, May 2007.

Note: Signal assumed in 2010 No Build consistent with County plans.